

U.S. Application Serial No. 09/647,332
Reply to Office Action of February 2, 2009

PATENT
450106-02305

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims:

1 (Currently Amended) A transmitting apparatus for transmitting contents data and corresponding meta data over a network, comprising:

contents storing means for storing contents data comprising broadcast programs and corresponding meta data in a broadcast format;

meta data schema storing means for storing a meta data schema defining a data structure for said meta data that is compatible with a network transmission format;

contents segmenting means for segmenting said contents data and generating segmentation information of the contents data;

contents converting means for converting the segmented contents data into said network transmission format;

meta data combining means for combining the corresponding meta data and segmentation information for the segmented contents data corresponding to the meta data schema;

meta data converting means for converting the meta data and segmentation information from the broadcast format into the network transmission format,

wherein the broadcast programs are restructured by a user based on the segmentation information, the meta data schema and the meta data being transferred according to the restructured broadcast programs, and

Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, NY 10151
212-588-0800
Customer Number 20999

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wherein the meta data schema is transmitted to a receiving apparatus and updated by the receiving apparatus according to a user's favorite before the meta data is transmitted so that the meta data of each segmented contents data is selectively delivered based on the updated meta data schema, and

wherein said meta data converting means converts the meta data with the segmentation information and represents the meta data with the segmentation information in a descriptor format of an MPEG system section;

meta data schema converting means for converting the meta data schema into the network transmission format; and

transmitting means for transmitting the converted meta data and segmentation information, the converted meta data schema, and the converted contents data in the network transmission format over the network.

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